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(54) Title: CXCR4 ANTAGONISTS AND METHODS OF THEIR USE

(57) Abstract: Compositions and methods for the treatment or prevention of a chemokine related or chemokine-receptor-related pathology are provided. In one aspect, the pathology is cancer. It has been discovered that CXCR4 antagonists, in particular CXCR4 peptide antagonists such as TN14003, inhibit or reduce tumor metastasis in a host.